



Inventor: Aronstam et al.  
Title: Apparatus and Methods for Monitoring Pipelines  
Serial No.: 10/700,093; Filed: November 3, 2003;  
Confirmation No.: 2822; Docket No.: 014-30752-USCP

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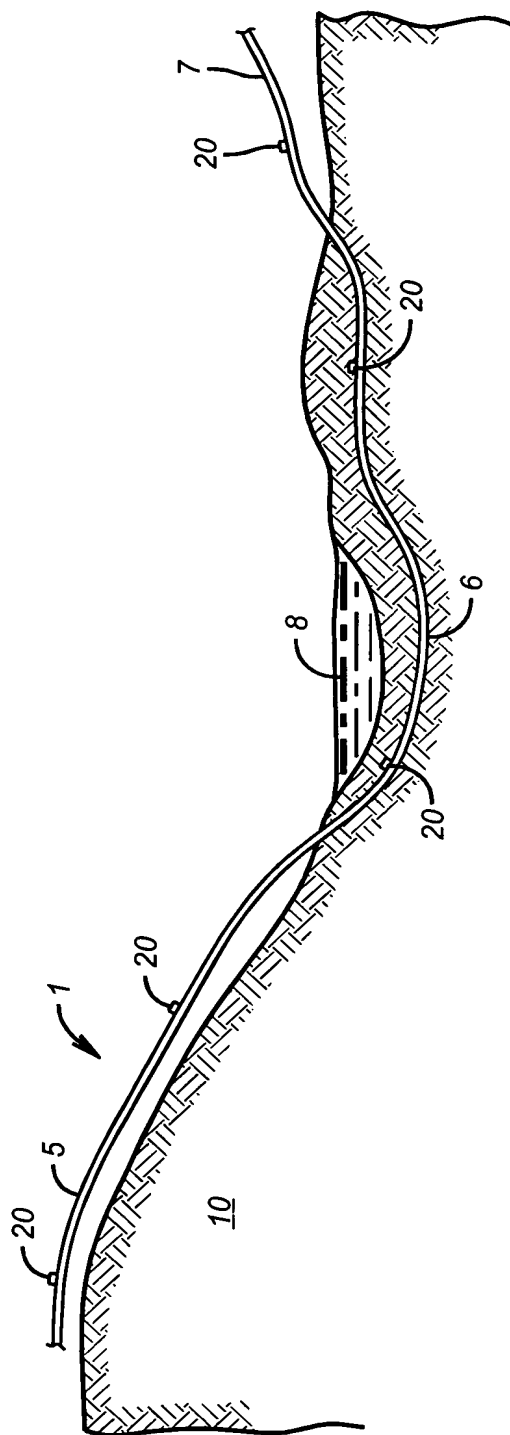
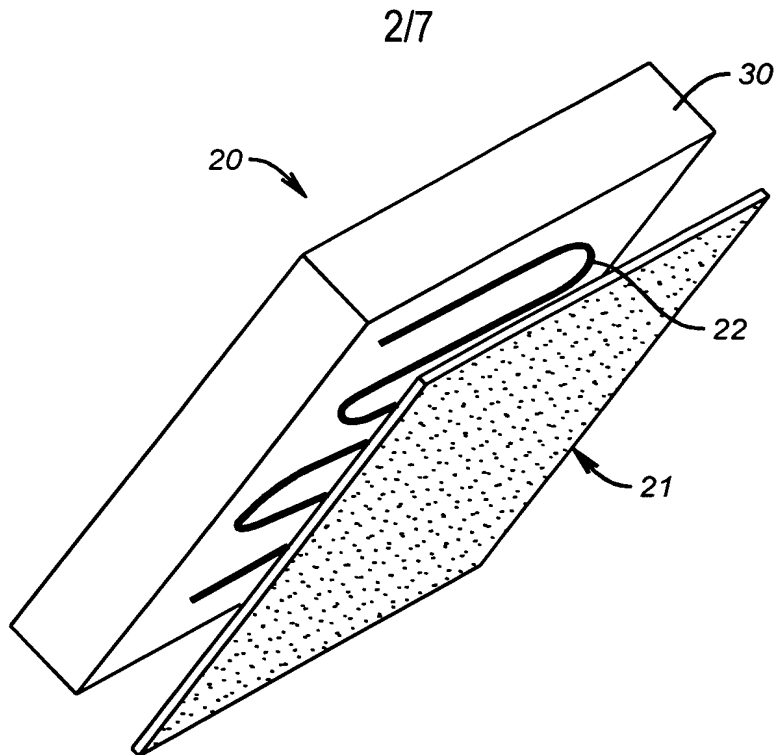


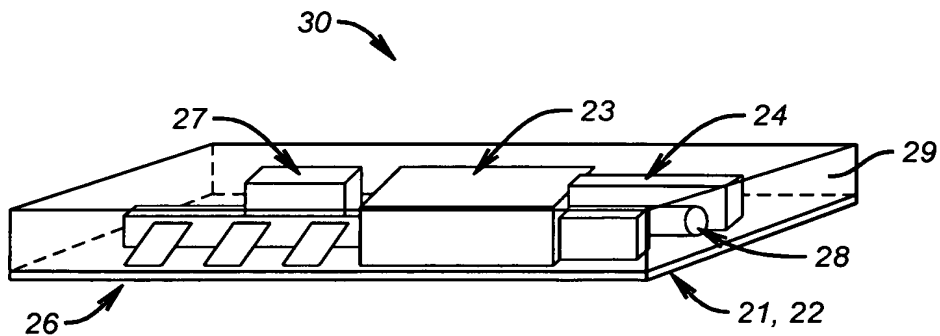
FIG. 1



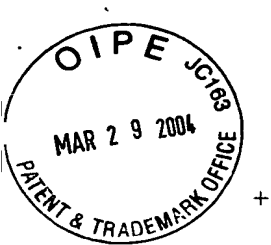
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**FIG. 2**



**FIG. 3**



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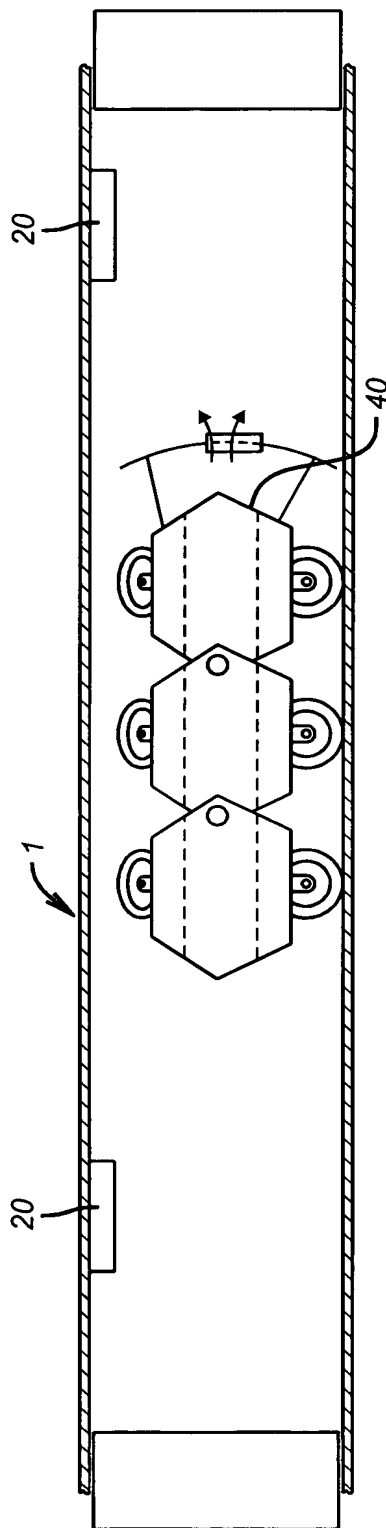
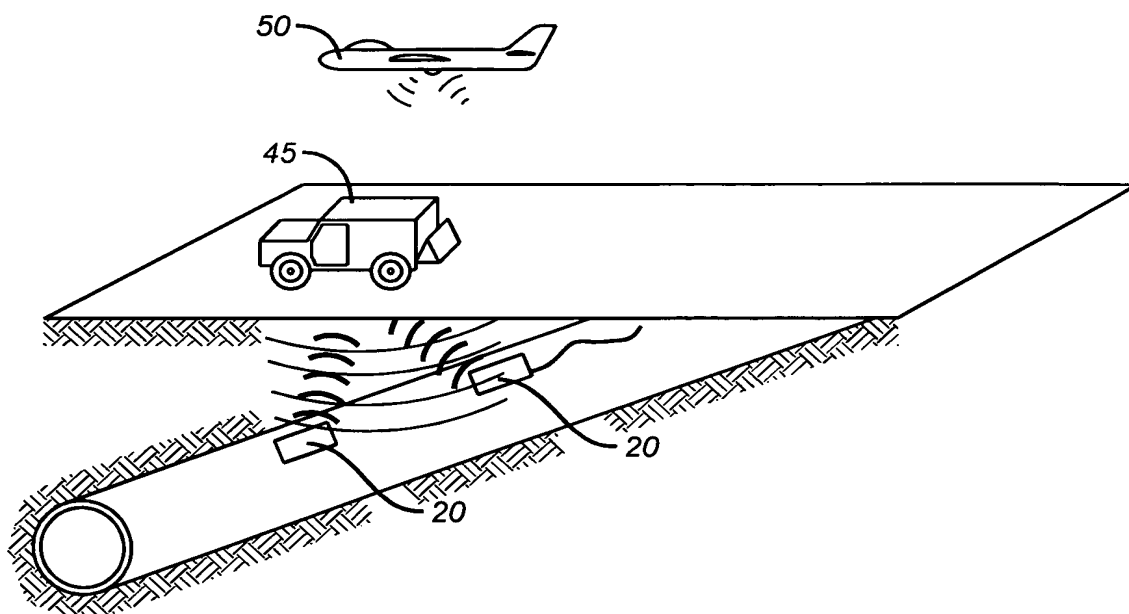
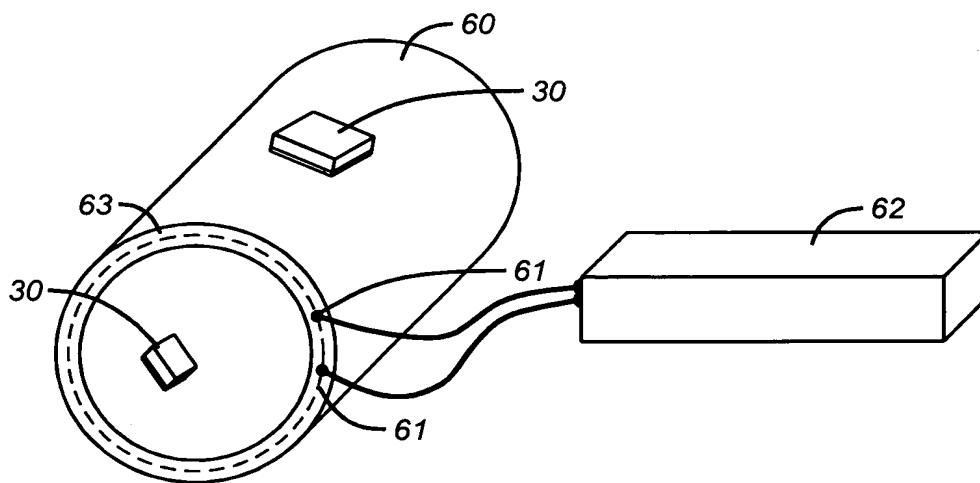


FIG. 4

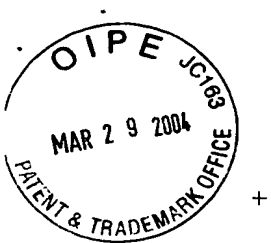
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**FIG. 5**

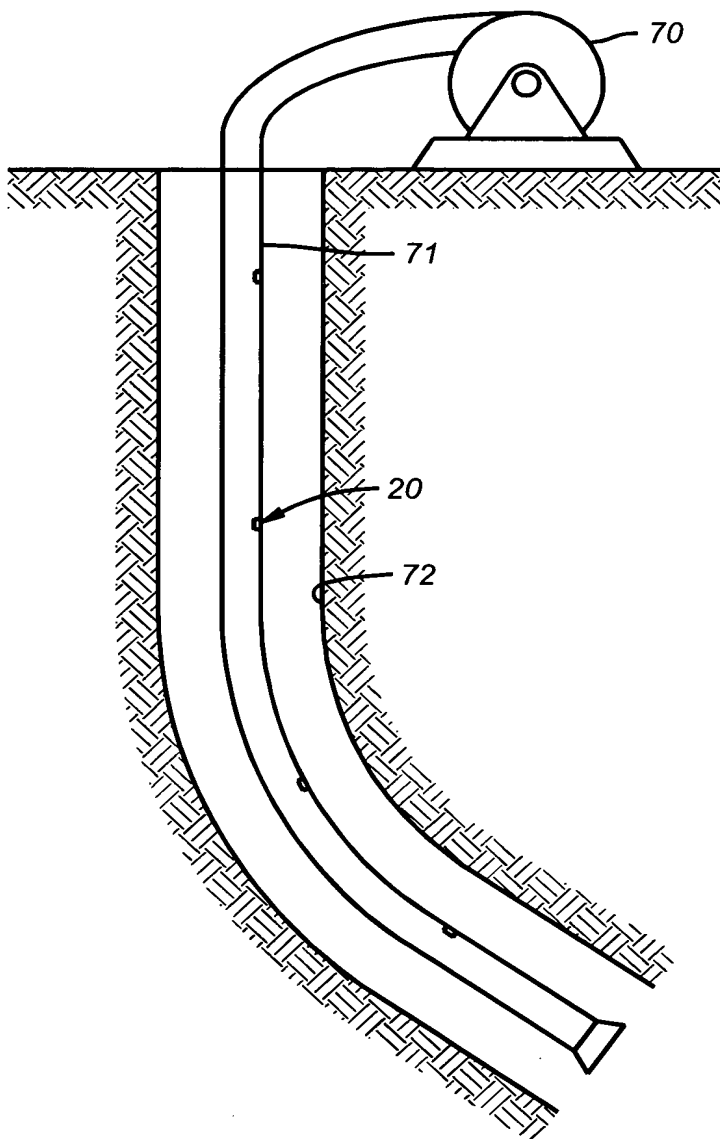


**FIG. 6**



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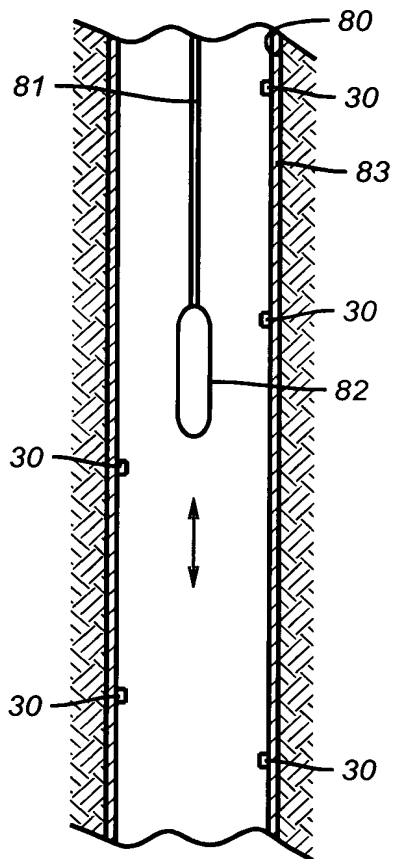
**FIG. 7**

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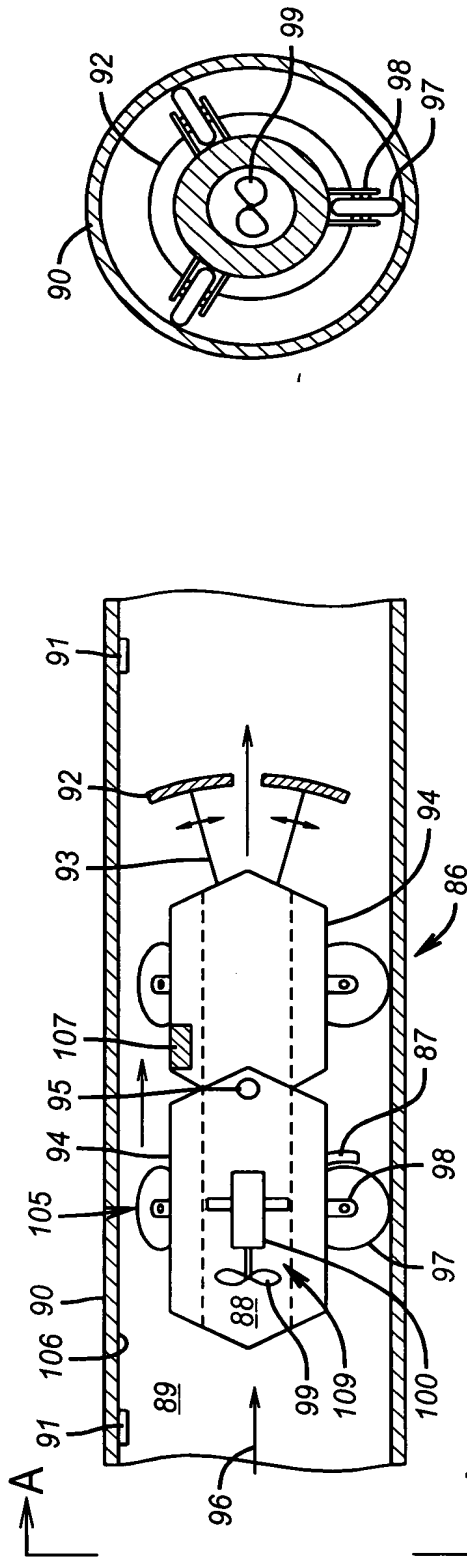


**FIG. 8**

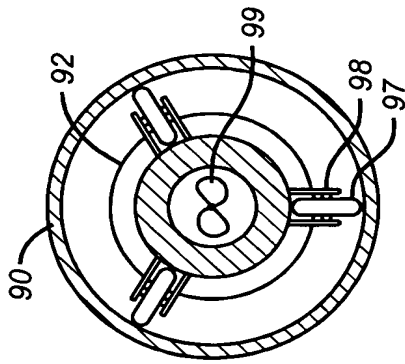


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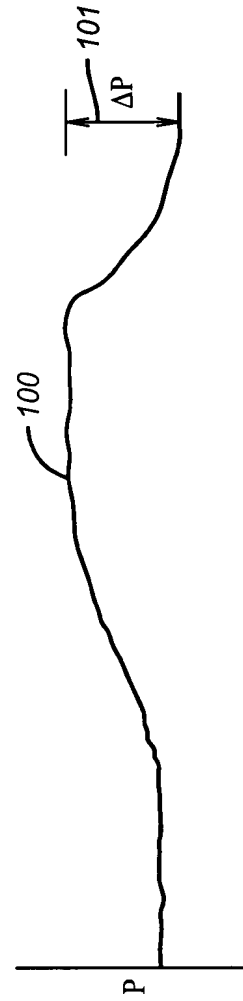
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View A-A  
**FIG. 9B**



**FIG. 9A**



**FIG. 9C**